

SAVANNAH RIVER BASIN

02197340 SITE NO. 6 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'23'', long 81°40'05'', Aiken County, Hydrologic Unit 03060106, on Fourmile Creek, on left bank, 50 ft upstream of SRS Road C, and 0.7 mi southeast of F-Area, at Savannah River Site.

DRAINAGE AREA.--7.53 mi².

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Data collection platform. Datum of gage is 187.9 ft above sea level (by Global Positioning System).

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.4	3.7	3.8	5.1	4.8	4.5	7.3	3.2	4.4	3.9	4.2	5.8
2	4.1	3.7	3.7	5.3	4.6	4.8	6.8	3.1	3.6	3.8	3.5	4.9
3	4.0	3.7	3.3	4.4	4.4	11	7.2	3.0	3.8	9.1	3.3	4.5
4	3.7	4.4	3.4	4.8	4.7	23	7.1	3.0	5.0	21	3.5	5.0
5	3.8	4.1	3.7	5.0	4.6	12	7.8	3.1	4.2	9.0	3.5	4.0
6	3.8	4.7	3.8	5.0	4.2	8.8	7.5	3.1	3.9	7.7	3.6	4.6
7	3.6	5.3	3.7	4.8	4.1	6.9	6.1	3.1	4.7	5.6	3.5	4.7
8	3.3	5.8	3.6	8.3	4.3	7.7	5.5	3.2	4.5	3.7	3.6	3.7
9	3.2	5.5	3.9	7.4	4.5	7.7	5.6	3.7	5.3	3.8	3.8	3.5
10	3.2	5.9	4.0	6.2	4.6	7.2	5.1	3.4	5.1	3.5	4.3	3.7
11	3.1	6.2	3.8	6.0	4.1	6.6	4.8	3.1	3.6	3.3	4.2	12
12	3.1	5.9	3.6	7.1	5.2	6.6	4.6	4.2	3.7	15	4.1	8.8
13	3.1	6.6	3.3	7.8	4.9	7.9	4.5	3.9	12	17	4.6	5.8
14	3.0	7.3	3.4	6.8	4.6	6.4	4.6	3.4	7.5	6.8	5.5	4.6
15	2.9	7.4	3.2	6.4	4.2	30	5.1	3.3	4.5	5.2	4.7	3.6
16	2.9	7.6	3.3	6.6	4.5	13	5.0	3.2	4.4	3.9	4.8	3.4
17	2.9	7.6	3.7	6.9	4.4	11	4.5	3.1	4.4	3.5	4.2	3.4
18	2.9	7.6	3.8	6.8	4.3	7.3	4.1	3.3	3.6	3.4	4.4	3.2
19	3.3	12	4.0	7.8	4.0	6.7	4.2	3.2	3.5	3.2	4.3	3.2
20	3.0	8.5	4.2	17	4.0	18	4.2	3.6	4.1	3.3	4.3	3.4
21	3.2	8.2	4.2	11	3.9	13	4.4	3.4	5.7	3.6	4.4	3.3
22	3.3	7.8	4.6	9.7	12	11	4.3	3.2	4.8	3.7	4.3	3.2
23	3.3	6.3	4.7	5.8	8.7	8.2	4.2	3.3	3.5	5.8	4.1	3.1
24	3.5	5.7	4.9	5.9	9.2	6.2	4.3	3.3	3.3	6.2	3.9	3.8
25	3.5	12	4.8	5.7	9.1	7.1	6.1	2.9	4.1	4.2	3.7	3.7
26	3.6	8.0	3.9	5.9	6.2	7.9	5.1	3.0	4.0	3.7	3.7	3.5
27	3.5	6.8	4.4	5.4	4.7	7.6	4.2	3.0	4.8	3.5	3.7	3.4
28	3.6	4.9	5.6	4.9	4.5	9.6	3.8	3.3	4.4	3.6	3.8	3.4
29	3.7	5.0	6.5	4.9	---	18	3.5	17	4.5	3.7	3.7	3.4
30	3.8	4.1	5.4	5.1	---	14	3.3	9.3	4.3	5.9	3.8	3.5
31	3.6	---	4.9	5.3	---	9.5	---	7.1	---	5.5	3.9	---
TOTAL	105.9	192.3	127.1	205.1	147.3	319.2	154.8	125.0	139.2	185.1	124.9	130.1
MEAN	3.42	6.41	4.10	6.62	5.26	10.3	5.16	4.03	4.64	5.97	4.03	4.34
MAX	4.4	12	6.5	17	12	30	7.8	17	12	21	5.5	12
MIN	2.9	3.7	3.2	4.4	3.9	4.5	3.3	2.9	3.3	3.2	3.3	3.1
CFSM	.45	.85	.54	.88	.70	1.37	.69	.54	.62	.79	.54	.58
IN.	.52	.95	.63	1.01	.73	1.58	.76	.62	.69	.91	.62	.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2001, BY WATER YEAR (WY)

MEAN	8.95	10.5	11.2	13.9	15.3	16.4	12.9	9.65	9.18	9.47	9.93	8.91
MAX	21.8	20.5	21.2	27.5	32.4	31.5	32.1	33.5	21.1	18.3	25.0	18.1
(WY)	1991	1980	1998	1998	1973	1998	1984	1984	1973	1984	1991	1979
MIN	3.42	6.07	4.10	6.62	5.26	4.78	3.17	3.65	3.79	3.68	4.03	4.31
(WY)	2001	1997	2001	2001	2001	2000	2000	2000	1990	2000	2001	1994

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SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1973 - 2001
ANNUAL TOTAL	1727.8	1956.0	
ANNUAL MEAN	4.72	5.36	
HIGHEST ANNUAL MEAN			11.3
LOWEST ANNUAL MEAN			18.6
HIGHEST DAILY MEAN	e 47	Sep 23	5.27
LOWEST DAILY MEAN	2.2	Mar 29	e 186
ANNUAL SEVEN-DAY MINIMUM	2.5	Mar 25	Aug 22 1990
MAXIMUM PEAK FLOW		30 Mar 15	2.1 May 24 1997
MAXIMUM PEAK STAGE		2.9 a Oct 15	2.5 Mar 25 2000
ANNUAL RUNOFF (CFSM)	.63	3.0 Oct 12	Unknown Aug 2 1991
ANNUAL RUNOFF (INCHES)	8.54	84 Jul 3	6.27 Aug 2 1991
10 PERCENT EXCEEDS	6.9	3.52 Jul 3	1.50
50 PERCENT EXCEEDS	3.8	.71	20.32
90 PERCENT EXCEEDS	2.9	9.66	19
		8.2	9.2
		4.4	5.0
		3.3	

a Also occurred Oct. 16-18, May 25.

e Estimated

